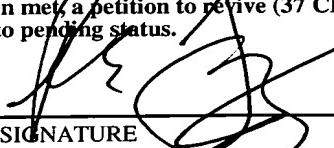


FORM PTO-1590 (Modified) (REV. 07-2004) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE		ATTORNEY'S DOCKET NUMBER <b>R.41894-1</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/508938</b>
INTERNATIONAL APPLICATION NO. <b>PCT/DE 03/01579</b>	INTERNATIONAL FILING DATE <b>15 MAY 2003</b>	PRIORITY DATE CLAIMED <b>18 MAY 2002</b>
TITLE OF INVENTION <b>FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES</b>		
APPLICANT(S) FOR DO/EO/US <b>CHRIST, Wilhelm DITTUS, Bernd BOECKING, Friedrich</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li><input type="checkbox"/> The US has been elected (Article 31).</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2))             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> is attached hereto.</li> <li><input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li><input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li><input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li><input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol>		
<b>Items 13 to 23 below concern document(s) or information included:</b> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li><input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li><input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> Express Mail Label No.</li> <li><input checked="" type="checkbox"/> Other items or information:</li> </ol>		
<p>Transmittal sheets in duplicate w/fees charged to Deposit Account; Copy of German Text Application w/5 sheets of drawings; Translation of German Text Application w/5 sheets of drawings; Preliminary Amendment; Copies of PCT/RO/101, PCT/ISA/210 and 220; Executed Declaration; Assignment (Not Enclosed);</p>		

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/508938</b>	INTERNATIONAL APPLICATION NO. PCT/DE 03/01579	ATTORNEY'S DOCKET NUMBER <b>R.41894-1</b>																				
24. The following fees are submitted:		<b>CALCULATIONS PTO USE ONLY</b>																				
<b>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)) :</b>																						
<input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$1080.00 <input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$920.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$770.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$730.00 <input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00																						
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>\$920.00</b>																				
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		<b>\$0.00</b>																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NUMBER FILED</th> <th style="width: 25%;">NUMBER EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>14 - 20 =</td> <td>0</td> <td>x \$18.00</td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$86.00</td> </tr> <tr> <td colspan="3"><b>Multiple Dependent Claims (check if applicable).</b></td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="3"><b>TOTAL OF ABOVE CALCULATIONS</b></td> <td style="text-align: right;"><b>\$920.00</b></td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	14 - 20 =	0	x \$18.00	Independent claims	1 - 3 =	0	x \$86.00	<b>Multiple Dependent Claims (check if applicable).</b>			<input type="checkbox"/>	<b>TOTAL OF ABOVE CALCULATIONS</b>			<b>\$920.00</b>	
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<b>TOTAL OF ABOVE CALCULATIONS</b>			<b>\$920.00</b>																			
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		<b>\$0.00</b>																				
<b>SUBTOTAL</b>		<b>\$920.00</b>																				
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		<b>\$0.00</b>																				
<b>TOTAL NATIONAL FEE</b>		<b>\$920.00</b>																				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).		<input type="checkbox"/> <b>\$0.00</b>																				
<b>TOTAL FEES ENCLOSED</b>		<b>\$920.00</b>																				
		<b>Amount to be: refunded</b> \$ <b>charged</b> \$																				
a. <input type="checkbox"/> A check in the amount of _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>07-2100</u> in the amount of <u>\$920.00</u> to cover the above fees. c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>07-2100</u> d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																						
<b>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</b>																						
SEND ALL CORRESPONDENCE TO: <b>RONALD E. GREIGG</b> Registration No. 31,517																						
<b>GREIGG &amp; GREIGG P.L.L.C.</b> 1423 Powhatan Street Suite One Alexandria, VA 22314																						
Telephone: (703) 838-5500 Facsimile: (703) 835-5554																						
Customer No. 02119																						
 <b>RONALD E. GREIGG</b> NAME <b>31,517</b> REGISTRATION NUMBER <b>27 SEPTEMBER 2004</b> DATE																						